Purchase Order Receipt Listing

Monday, June 12, 2017 10:07:04 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36496 Receipt Dates from 6/9/2017 to 6/9/2017 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Book Amt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MRB Qty/ MRB Reject Qty	0 0	0	0 0	0 0	0 0	0 0	0 0
Inspected Qty/ Rejected Qty (PO U/M)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cost Per Unit/ Recv Value				\ \			
Recv Qty (PO U/M)	23.7500	9000009	20.0000	20.0830	84.0000 🗷	48.0000	1.0000
Recv Date/ Recv Emp	6/9/2017 PLOU01	6/9/2017 PLOU01	6/9/2017 PLOU01	6/9/2017 PLOU01	6/9/2017 PLOU01	6/9/2017	6/9/2017 PLOU01
Required Date Required Qty	6/8/2017	60.0000	6/8/2017	6/8/2017	6/8/2017	6/8/2017	6/8/2017
Project ID Reference/ PO U/M / Description/ Stock U/M Cert Std	e WJ-TWM001 TW Metals M304TR0.675W.091 f 304 RD Tube .675 x f .091 W	m137761 747 W 45 M304TR0 250W.049 f 304 RD Tube .750 x f .049W	M137761 M304TR1.250W.125 f 304 RD Tube 1.250 x f .1250	M4130NT0.500W.08 f 3 4130 RD tube .500 x g	m137761 M6061T6T0,875W,05 f 8 6061-T6 RD,7ube f 375 x,058W	M6061T6T0.500W.05 f 8 6061-T6-RD Tube f 500\&058W	m137761 71401-45 PROCUREMENT QUALITY CLAUSES m137761
Purchase Line Order ID/ Nbr/ Curr Type Insp Req	VendorID\Vendor Name PO36496 1 USD No	2 No	Š 3	4 N	S N	9 Ž	No N

Book Amt	256.8330 0.0000 0.0000 \$0.00 0.0000		
Inspected Qty/ Rejected Qty/ MRB Reject (PO U/M) Qty	Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: Total Receipt Value: Total Balance Due Quantity:		
Unit/ I	Total Qi		

Cost Per Unit/ Recv Value

Recv Qty (PO U/M)

Recv Date/ Recv Emp

Required Date Required Qty

PO U/M / Stock U/M

Project ID Reference/ Description/ Cert Std

Line Nbr/ Insp Req

Purchase Order ID/ Curr Type





ORDER NO.: 80859150 FROM: CHIC PAGE 1

CUST NUMBER: 1203820 NET WGT: 82.229 REQ.DATE: 06/08/17 CONFIRMED

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

TERMS: F.O.B.:

SALESPERSON: DONNA SMALLEY

NET 30 DAYS SHIPPING POINT

CUST ORD NO.: PO36496

SHIP BY: 06/02/17

VIA: FREIGHT: PREPAID

WIDTH

RELEASE NO.:

RECEIVING PHONE:

LINE ITEM DESCRIPTION 0001 38420 SMLS 304/L A-312 3/8 SCH 40

ORD QTY

INVOICE QTY 23.750 FT

SHIPPED QTY

23.750 FT / 13.605

COMMON CARRIER

LENGTH

17/24 FT

** 1 TEST REPORTS REQUIRED **

20.000 FT

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49365461 HT:11H222 PC: 1 CUSTOMER QTY: UOM MLT:CHINA MFG:CHINA SLB/CL:LRZM39 ** 1 CERTS REQUIRED **

CLN#

0002 36860 SMLS CD 304/L A269 3/4 OD X .049 WA

INVOICE QTY SHIPPED QTY 60.000 FT 60.000 FT

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED ** ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00

ORD OTY

60.000 FT

PO:49334360 AT:YX1501783 PC: 3 CUSTOMER QTY:

MOU

MLT: CHINA

MFG: CHINA

SLB/CL:-

0003 37241 SMLS CD 304/L A269 1-1/4 X .120WA ~

20 FT

20' CL

CLN#

ORD QTY 20.000 FT

INVOICE QTY SHIPPED QTY 20.000 FT

20.000 FT

WT 28.958

CS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00 PO:49334360 HT:YX1504817 PC: 1 CUSTOMER QTY: UOM MLT:CHINA MFG:CHINA SLB/CL:-

MLT: CHINA

MFG: CHINA

THANK YOU FOR THIS ORDER PRODUCT

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL

http://www.twmetals.com/invoice-terms.html





ORDER NO.: 80859150 FROM: CHIC PAGE 2

CUST NUMBER: 1203820 NET WGT: 82.229 REQ.DATE: 06/08/17 CONFIRMED

SOLD TO:

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON

HAWKSBURY ON

ONTARIO CANADA CN K6A 1K7

CANADA

CN K6A 1K7

SALESPERSON: DONNA SMALLEY

SHIP BY: 06/02/17

TERMS: F.O.B.:

NET 30 DAYS

VIA: FREIGHT: RELEASE NO.:

COMMON CARRIER PREPAID

SHIPPING POINT

CUST ORD NO.: PO36496

RECEIVING PHONE:

LINE ITEM DESCRIPTION

0004 32821 SMLSCD 4130 6736 1/2 X .083 WA,/

/ WIDTH

LENGTH 17/24 FT

20.000 FT

INVOICE QTY SHIPPED QTY 20.083 FT

20.083 FT

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: 9A991.d Export License: NLR Expiration Date: 0/00/00 PO: 49362520 HT:253636 PC: 1 CUSTOMER QTY: UOM

MLT:GERMANY MPG:GERMANY SLB/CL:1632158

0005 41952 D6061-T6 3/8 OD X .058 WA/

CLN# ORD QTY 84.000 FT

/ INVOICE QTY / SHIPPED QTY 84.000 FT

84.000 FT U

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49363913 HT:F002343920001 PC: 7 CUSTOMER QTY: UOM MLT:UNITED STATES MFG:UNITED STATES SLB/CL:222469

0006 42276 D6061-T6 1/2 OD X .058 WA L

12 FT ML

CLN#

ORD QTY 48.000 FT. INVOICE QTY SHIPPED QTY
48.000 FT 48.000 PT

48.000 FT

PCS

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00 PO:49365548 HT:F002361250001 PC: 4 CUSTOMER QTY: UOM MLT:UNITED STATES MFG.UNITED STATES SLB/CL:222661

10-12°

THANK YOU FOR THIS ORDER PRODUCT

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL

http://www.twmetals.com/invoice-terms.html





CUST NUMBER: 1203820 NET WGT:

ORDER NO.: 80859150 FROM: CHIC PAGE 3

82.229 REQ.DATE: 06/08/17 CONFIRMED

SOLD TO:

DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

SHIP TO:

ONTARIO CANADA

CN K6A 1K7

SALESPERSON: DONNA SMALLEY TERMS:

F.O.B.:

NET 30 DAYS

SHIPPING POINT

CUST ORD NO.: PO36496

FREIGHT: RELEASE NO.:

SHIP BY:

VIA:

RECEIVING PHONE:

WIDTH LENGTH

COMMON CARRIER

LINE ITEM DESCRIPTION

BROKERS KUEHNE AND NAGEL LTD

----- PACK INFO -----

06/02/17

PREPAID

AREA TYPE OF PKG YRC REDDICRATE

PKGS GRS WEIGHT WIDTH LENGTH HGHT 1.000 133.000 5.0000 290.0000 5

1.000 133.000

BY: MG RT 000-

UNLOAD TYPE: NONE SPECIFIED

QXX6-12

DATE SHIPPED

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE





ORDER NO.: 80859150

FROM: CHIC

PAGE 4

CUST NUMBER: 1203820 NET WGT:

PO36496

PREPAID

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

SALESPERSON:

CN K6A 1K7

DONNA SMALLEY

COMMON CARRIER

TERMS: NET 30 DAYS SHIPPING POINT

F.O.B.:

CUST ORD NO .:

FREIGHT:

RELEASE NO.:

RECEIVING PHONE:

82.229 REQ.DATE: 06/08/17 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SHIP BY:

235 TUBEWAY

CAROL STREAM

06/02/17

IL 60188

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

Date:

6/05/17

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

MTR#:WLPSPW077025.GIF

Customer: TWMEXT PO#:M49365461 SO#:LRZM39

Item:S44L00C Bundle:WLPW077TA29-73 Heat#:11H222

ULTRASONIC TEST Ferrite conten I. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN BEEN MANDFACTURED, SAMPLED, TESTED AND INSPECTED. IN ACCORDANCE WITH THE RESULTS OF THE CONTRACT, AND CONFORM TO THE SPECIFICATION AGOVE. THE CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. ACCEPTABLE EDDY CURRENT TEST PRE YDROSTA IC TEST NPa AHI . MATERIAL FREE FROM MERCURY CONTAMINATION AND RADIDACTIVE CONTAMINATION Sum Bin 201505-TG-F27 Lot No. 17 QUALITY MANAGER GRAIN ä PITTING CORROSION (mg/dm²day) Fe . MILL INSPECTION CERTIFICATE ACCEPT ABLE THE ALMURGUESHION AG 2110117 IEST S ASTM A312-14/A376-13/ASIME SA312-13/SA 376-13 As FLARING TEST ADDRESS: 2º HAIYANG ROAD, HAIYU TOWN, CHANGSHU CITY, JIANGSU FRONNCE, CHINA 215619 TEL: (1512) 5261518, 75256526 FAX: +86-512-52569021 . NO REPAIR BY WELDING 2 PLATTENING TEST ACCEPTABLE S CHEMICAL COMPOSITION (WT% EN 10204 3.1 330 39 2015080425008025 68-6 HARDNESS æ 75,75 꾶 ACCEPTED BY TP304/304L ප (Somm) 67.5,54 11H222 CULOCK-TW WELLS FEB 16 17 CERTIFICATE NO.: 6 SPECIFICATION: £ \$º EAT NO. C F X 0.2% 253/253 GRADE: MPa C z MPa 580/580 20 Solution Anealed: 1900F 18.130 20.000 18.000 ర 536 969 (kg) COLD FINISHED, SOLUTION ANNEALED AND PICKLED 8.000 8.060 WEGHT 0.001 0.030 0.000 0.000 0.000 2372.57 IS PER ASTM A312-14/A376-13,ASNE SA312-13,SA376-13/ASTM A999-13 2372.57 CHANGSHU WALSIN SPECIALTY STEEL CO.,LTD. DUNTRY OF MELTICHENA, COUNTRY OF MANUFACTURE: CHENA STANLESS STEEL SEAMLESS PIPES 2.000 0.045 0.900 0.033 TACHEN STAINLESS PIPE CO, LTD VATER QUENCHED ANNEALING TEMPERATURE 1069°C ATTEMAL COMPLANT WITH ROHS DIRECTIVE 2002-95/EC REE OF RADIATION C.TEST FER ASTA A35-03-E. MIL-P146916 MIL-P1144D 10 REPAIR BY WELDING IATERIAL FREE FROM NERCURY CONTAMINATION PIECES 101 101 0.370 0000 0000 0.750 EFERENCE DISCONTINUITY: DRILLED HOLE LENGTH: 20/24FT 0.036 PER PROFORMA INVOICE NO-152130-S 0.024 PACKAGE TA29-73 8 STANDARD PRACTICE: ASTME 426 IPS() MITISCHALCIAM DELIVERY CONDITION: 3/8*405*6096-7315 RESULTS SPECIFICATION CE NR0175-2003 WLCS-QP-T24-05 SIZE COLMIDDITY. **JUST ON BR** 3 BAENTS



MILL TEST REPORT

Purchaser.: TW MET	ALS-Carol S	tream			Certificate	No.: 15-11-13	0			
Contract No.: TWM I	P.O.No.: M49	334360			Date of Issu	ie.: 2015.11.7				
Commodity: Stainless	Steel Seamle	ess Tubes	Specifi	cations: A	STM A213-	L8/ASME SA	213-1	3/ASTM A	269-14el	EAW
Process: Cold Drawn			A		Delivery Co	ndition: OD	Polisl	ned to 240	Grit	
Steel Cardo	DASHeat	Name	Lot		Dimensi			Ç	uantity	
Steel Grade	39 Teat	Number	Numb	er	Dimensi	OIIS		Pieces	I	eet
TP304/TP304L	9-89 YX1	501-783	9-40		3/4" x 0.049	" x 20'		285	5	,700
		Che	mical C	Compositi	on by Weigh	t (%)			and the second s	
Element	С	Mn	P	S	Si	Cr		Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.04	15 ≤0.0	30 ≤1.00	18.00-20.00	8.0	00-12.00	-	-
Ladle Analysis	0.012	0.68	0.031	0.00	0.37	18.35		8.05	-	-
Product Analysis	0.019	0.70	0.033	0.00	2 0.39	18.37		8.31		-
Mechanical Properties						AND THE REAL PROPERTY OF THE PERSON OF THE PERSON OF				
Test Item	Elong	ation (% in 2'	')	Ter	sile Strengtl Rm	n (PSI)			trength (I p / 0.2%	'SI)
Requirements		≥35			≥75,000				30,000	
Test Results		63/64			87,000/88,0				00/35,000	
Test Item		on of Area (%)	Hai	rdness	Cold Bend Test	Flaring Test	FI	attening Test	Flange Test	P.M.I. Test
Requirements		-	HR	B≤80	-	22%	(=0.09	-	-
Test Results		-	7:	5/77	-	Passed		Passed	-	OK
Test Item	Eddy C	urrent Test		derwater ure Test	Ultrasonic Test	Intergranu Corrosion		Macro	scopic In	spection
Requirements	AST	M E 426		-	-	ASTM A26	2 E	End Cut	Appe	arance
Test Results	Pa	ssed		-	-	OK		OK		OK

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1526002

Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Free from radioactive contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

CANNOT CERTIFY COMPLIANCE FAR BAA / DFARS BAA / FAR TAA



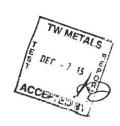
By:

James Shi / Manager **Quality Control Department**

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China







MILL TEST REPORT

Purchaser.: TW MET	CALS-Carol S	tream			Certificate	No.: 15-11-14	9			
Contract No.: TWM	P.O.No.: M49	334360			Date of Issu	ie.: 2015.11.7				
Commodity: Stainles	s Steel Seamle	ess Tubes	Specifi	ications: A	STM A213.	13/ASME SA	213-1	3/ASTM A	269-14el	EAW
Process: Cold Drawn					Delivery C	ondition: OD	Polish	ed to 240	Grit	
0, 10, 1	DAS Heat		Lot		Dimensi			Q	uantity	
Steel Grade	39 Heat	Number	Numb	er	Dimensi	Ons]	Pieces	H	eet
TP304/TP304L		504-817	9-18	3	1-1/4" x 0.12	20" x 20'		155	3	,100
		Che	mical (Compositi	on by Weigl	ıt (%)				
Element	С	Mn	P	S	Si	Cr		Ni	Mo	Co
Requirements	≤0.035	€2.00	€0.0	45 ≤0.0	30 ≤1.00	18.00-20.00	8.0	0-12.00	-	-
Ladle Analysis	0.011	0.64	0.03	1 0.00:	3 0.34	18.24		8.05	-	-
Product Analysis	0.021	0.63	0.033	3 0.00	2 0.32	18.10		8.63		-
			Me	Mechanical Properties						
Test Item	ation (% in 2'	Tensile Strength (PSI) Rm					Yield Strength (PSI) Rp / 0.2%			
Requirements		≥35			≥75,000		≥30,000			
Test Results		65/66			90,000/91,0	_			00/36,000	
Test Item		on of Area (%)	Ha	rdness	Cold Bend Test	Flaring Test	Fi	attening Test	Flange Test	P.M.I. Test
Requirements		-	HR	RB≤80	-	22%		=0.09	-	-
Test Results		-	7	76/78	-	Passed]	Passed		OK
Test Item	Eddy C	urrent Test		nde <mark>rwate</mark> r sure Test	Ultrasonic Test	Intergram Corrosion		Macro	scopic In	spection
Requirements	AST	M E 426		-	-	ASTM A2	52 E	End Cut	Арр	earance
Test Results	Pa	issed		-	-	OK		OK		OK

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1526002

Additional Remarks:

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CANNOT CERTIFY COMPLIANCE FAR BAA / DFARS BAA / FAR TAA



By:

dones ca

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China



Benteler Steel/Tube GmbH Postfach 13 40

33043 Paderborn Deutschland

Fel.: +49.5254.81-0 Fax: +49.5254.13666

BENTELER 🛡

Steel/Tube

4

Blatt: Page: Page:

[DIN EN ISO 9001, ISO/TS-16949 CERTIFIED BY TUEV NORD CERT] (PED 2014/68/EU CERTIFIED BY TUEV NORD SYSTEMS) ELECTRIC FURNACE Steelmaking process:
Procédé d'élaboration de l'acier: FOUR ELECTRIQUE ELEKTROSTAHL WA Warmrohrwerk/Zieherei Stamp of the inspection representative: Stempel des Abnahmebeauftragten: Stahlerschmelzungsverfahren: Manufacturer's brand: Marque du producteur: Poinçon du contrôleur: Herstellerzeichen: No. du certificat: Inspection No.: Manufacturer: Producteur: Hersteller: Prüf-Nr.: 46004784TW M49362520 41-991327/001/P SEAMLESS STEEL TUBES TUBES D' ACIER SANS SOUDURE 1632158 4185829 NAHTLOSE STAHLROHRE No. de commande du client: No. de commande Benteler: No. d'avis d'expédition: Benteler Auftrags-Nr.: Versandanzeigen-Nr.: Purchase Order No.: Kunden-Bestell-Nr.: Benteler Order No.: Dispatch Note No.: Dokument-Nr.: No. du document: Produkt: Product: Produit: Benteler Steel/Tube GmbH - Postfach 1340 - 33043 Paderborn - Deutschland ABNAHMEPRÜFZEUGNIS EN 10204-3.1 CERTIFICAT DE RECEPTION EN 10204-3.1 INSPECTION CERTIFICATE EN 10204-3.1 The Aboretum, Suite 204 760 Constitution Drive EXTON PA 19341 USA ieferbedingungen: EN 10204:2005-01 TW Metals

AMS-T-6736B-08 Type 1, ASTM-A 519-2006, MIL-T-6736B Type 1, AMS6360 Rev. M, AMS 2301K

Conditions de livraison:

straightness acc. to customer request, AMS 2253E-83, Aircraft Type, Seamless, Cold Finished

Dimensions-tolerances:

Maße - Toleranzen:

GRADE 4130 Dimensions-tolérances:

Stahlsorte: Steel grade:

Lieferzustand:

Condition N

Nuance d'acier:

Delivery condition:

Produktkennzeichnung:

État de livraison:

FSD: BENTELER AMS6360M-AMS-T-6736 B 1-MIL-T-6736 B 1-AMS 2301K 4130 Condition N HEAT-NO.

CD AQ S DIMENSIONS WA GERMANY

Marquage du produit:

Product marking:

AEZ = Atzintenbeschriftung, Erching ink marking, Gravure & I'K = Farbkennzeichnung, color marking, marquage par couleur . FS = Farbschablonierung, paint stencilling, marquage par point stencilling, marquage par couleur . LK = Laserkennzeichnung, Laser marking, Marquage laser . PKE = Etikettenkennzeichnung, tag marking, marquage sur étiquette . PS = Prägestempel, die stamp, marquage par pointonnage . TS = Tintenstrahlkennzeichnung, Ink jet spray marking, imprimante å jet



BENTELER 🛡

Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn

Deutschland

Steel/Tube

Longueurs multiples Vielfachlängen 4 Multiple lengths 21 Blatt: Page: Page: Série de no. des tubes Rohr-Nr.-Gruppe Tube number group Pression d'épreuve Test pressure Prüfdruck Prüf-Nr.: Inspection No.: No. du certificat: 39 9-89 Schmelzen-Nr. No. de coulée 253636 Heat No. 41-991327/001/P Gewicht Weight Poids 926 lbs Gesamtlänge Longueur totale Length total 2500,56 Dokument-Nr.: Document No.: No. du document: feet feet ABNAHMEPRÜFZEUGNIS EN 10204-3.1 * 0.083" WT Tel.: +49.5254.81-0 Fax: +49.5254.13666 INSPECTION CERTIFICATE EN 10204-3.1 CERTIFICAT DE RECEPTION EN 10204-3.1 20 FT - 24 FT 0.500" O.D. Dimensions Dimensions Maße Nombre Number Stück 225 8000 Poste Pos. Item

Schmelzenanalyse [%] / Heat analysis [%] / Analyse sur coulée [%]

Pos.	Pos. Schmelzen-Nr. C	ပ	S	Z	۵	S	S S	Mo	Z	റാ	
Item	Item Heat No.										
Poste	No. de coulée										
8000	0008 253636	0,320	0,320 0,270 0,57		0,008	0,001	0,88	0,17	60'0	0,14	

Produktanalyse [%] / Product analysis [%] / Analyse sur produit [%]

Prüfergebnisse / Test results / Résultats des essais

Die Rohre wurden zerstörungsfrei geprüft:	ift:	ET-test: acc. to ASTM-A 450; ET - Test method: acc. to ASTM-E 309; for imperfections;	est method: acc.	to ASTM-E 309; for imperfections;	PASSED
The tubes are non destructive tested:		ET-test: ET with rotating pancake coils; according to EN 10246-3; imperfections;	ls; according to	EN 10246-3; imperfections;	
Les tubes ont passé un essai non destructif:		Notch depth: 0,30 mm; notch width < = notch depth; notch length min. 2 x transducer	< = notch depth	i; notch length min. 2 x transducer	
		width (max. 50 mm)			
Augensichtkontrolle:	PASSED	Materialverwechslungsprüfung:	PASSED	Maßkontrolle:	PASSED
Visual inspection:		Material conformity test:		Dimensions examination:	
Examen visuel:		Vérification de la nuance:		Vérification des dimensions:	

Ergebnisse der mechanischen Prüfung / Results of mechanical testing / Résultats des essais mécaniques

Die Probennahme erfolgte an Vielfachlängen.

L'echantillonage etait realise aux longueurs multiples. The sampling was carried out on multiple lengths.

ACCEPTED BY TW METALS F MAR 28 17



Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn Deutschland

Tel.: +49.5254.81-0 Fax: +49.5254.13666

BENTELER

Steel/Tube

4

ABNAHMEPRÜFZEUGNIS EN 10204-3,1 INSPECTION CERTIFICATE EN 10204-3,1 CERTIFICAT DE RECEPTION EN 10204-3,1	Dokument-Nr.: Document No.: No. du document:	41-991327/001/P	Prüf-Nr.: Inspection No.: No. du certificat:	Blatt: Page: Page:	3/	~
Zugversuch längs bei RT, Vollprobe / Tensile test longitudinal at R	tudinal at RT, Full section test	: specimen / Essai de traction longitu	t RT, Full section test specimen / Essai de traction longitudinale à TA, Eprouvette a section complete			

produce company to the second	Probenabmessung Streckgrenze Zugfestigkeit Dehnung		action	Rp 0,2 % Rm A2" 1. Formel	mm KSI KSI % 1. Formula	MIN 75 MIN 95 MIN 12.00 1. Formule	12,74 X 2,13 103 125 19,00	12,74 X 2,13 101 124 19,00	2,13 101 125
•			Dimensions de l'éprouv. Limite	Rp C		MIN	2,13	2,13	
	Schmelzen-Nr.	Heat No.	No. de coulée				253636	253636	253636
	Proben-Nr.	Specimen No.	No. de l'éprouv. No. de coulée	nngen	ıts		000001	000002	000003
	Pos.	Item ·	Poste	Anforderungen	Requirements	Exigences	8000	8000	8000

Randentkohlung / Surface decarburization / Décarburation superficielle

Pos. / Item / Poste; 0008

decarburization outside and inside max. 0.018 in, partial decarburization outside and inside max. 0,457 mm, without total acc. to AMS-6360, partial decarburization outside max. 0.014 in, partial decarburization inside max. 0.014 in, partial decarburization; partial decarb. out. max.: 0,356 mm; partial decarb. ins. max.: 0,356 mm

Vermerk / Remark / Remarque

Pos. / Item / Poste: 0008

52.225-1 CANNOT COMPLY, DFARS BAA: 252.225-7001 CAN COMPLY, FAR TAA: 52.225-5 CAN COMPLY, No weld repair has been carried out, Certificate remarks: The steel grade corresponds to MIL-T-6736B, AMS 6360M, material free from mercury contamination, FAR BAA; Country of origin of the material and heat: Germany, Aircraft quality steel acc. to AMS 2301K; see appendix page 1 of 1.

Pos. / Item / Poste: 0008

Macroscopic examination: acc. to ASTM-E 381

Pos. / Item / Poste: 0008

Magnetic particle inspec.: acc. to AMS 2301K/ASTM-E 1444, on prematerial

Pos. / Item / Poste: 0008

Grain size: acc. to ASTM-E 112; Grain size and finer: 5; Grain size: Longitudinal structure micrography, On prematerial

Verkäufer(in) / Sales Personnel / Personne chargée: Mr Schwarz, Tel.: 05254 81-204311, Fax: 204391



\$

Benteler Steel/Tube GmbH Postfach 13 40 33043 Paderborn

Deutschland Tel.: +49.5254.81-0 Fax: +49.5254.13666

ABNAHMEPRÜFZEUGNIS EN 10204-3.1 INSPECTION CERTIFICATE EN 10204-3.1 CERTIFICAT DE RECEPTION EN 10204-3.1

Dokument-Nr.: Document No.: No. du document:

41-991327/001/P

Prüf-Nr.: Inspection No.: No. du certificat:

BENTELER 🛡 Blatt: Page: Steel/Tube

4

4/

Page:

ACCEPTED BY TW METALS E MAR 28 17

Paderborn Schloß Neuhaus, 07.03.2017, TEL.: 05254.81-201768 FAX: 05254.81-201752

Abnahmebeauftragter Inspection representative

i. A. THOMAS GOLLAN / Tat Contrôleur

Es wird bestätigt, daß die gelieferten Erzeugnisse den techn. Lieferbedingungen des Auftrages entsprechen.Dieses Dokument wurde mittels EDV erstellt und ist ohne Unterschrift rechtsgültig. We certify that the supplied products comply with the order specification. This document was prepared by means of electronic data processing and is valid without signature. Nous attestons que les produits livrés sont conformes aux stipulations de la commande. Ce document a été établi par traitement électronique de l'information et est valide sans signature.



BENTELER

Steel/Tube

de

1 of Page:

Von

Blatt: 41-991327/001/P

> Document No.: No. de document:

Inspection Certificate EN 10204.3.1 / appendix Abnahmeprüfzeugnis EN 10204-3.1 / Anhang

Germany Tel.:49.5254.81-0 Fax: 49.5254.13666

Benteler Steel/Tube GmbH Residenzstraße 1 33104 Paderborn Certificat de réception EN 10204-3.1 / appendice

Dokument-Nr.

Halbzeuguntersuchung: Stahlsorte 4130 / Semi finished product examination: grade 4130 / Produit semi-fini: nuance 4130

test acture	тах. С 2	C 2	
Makroätzung Macrostructure test Essai de macrostructure (ASTM-E 381)	max. R 1	R 1	
MESSI	max. S 2	\$2	
Magnetpulverprüfung Magnetic particle inspection Essai à la poudre magnétique (AMS 2301 K/ASTM- 1444)	S max. 0,25	0,015	TW METALS R T B S MAR 28 17 B S T ACCEPTED BY
Magnetpu Magnetic parl Essai à la pou (AMS 2301 k	F max. 0,34	0,020	·
Härtbarkeit (min. Anforderungen) Hardenability (min. requirements) Trempabilité (exigence min.) (ASTM-A 255)	J(8/16") min. 28 HRC	34	
Härtbarkeit (min Hardenability (m Trempabilité (J(5/16") min. 35 HRC	44	Inside 0,050 mm
Korngröße Grain size Grosseur de grain (ASTM-E 112)	min. 5	. б	Outside 0,000 mm Inside 0,050 mm
Position Item Poste		800	
Schmelzen-Nr. Heat No. Coulée No.		253636	Decarburization Depth

Der Stahl ist frei von Quecksilberverunreinigungen. / The steel is free of mercury contamination. / L'acier est libre des contaminations de mercure.

Tel.: (0)5254.81-201760 Fax: (0)5254.81-201752 Paderborn Schloß Neuhaus, 07.03.2017

Inspection representative Abnahmebeauftragter Contróleur

Thomas Gollan



http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER:		CUSTOMER	PART NUMBER:		PRODUCT DESCRIPTION	N:	
M49363913-1		41952			Drawn Seamtes	Γube/Pipe	
KAISER ORDER NUMBER:	LINE ITEM:		SHIP DATE:		KAISER LOT NUMBER	ALLOY:	TEMPER:
222469	001		02/24/2017	(F00234392 9-89	6061	T6
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:		DIAM/DAF/THKNS:	WIDTH:	LENGTH:
381.000 LB	469.000 F	PCS	224425				12.000 FT
SHIP TO:			L		SOLD TO:		
TW METALS INC 235 WEST TUBEW CAROL STREAM, I					TW METALS INC 760 CONSTITUTI SUITE 204 EXTON, PA 1934		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00234392	0001	1	45.9	38.8	17.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
	.59			22222	.98	.08	.07	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: OD: (0.3750"; Wall: 0.0580"; Round @

AMS4082P AMS-WW-T-700/6C ASTM B210-12
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED.

This Product Complies to FAR BAA, DFARS BAA, FAR TAA

COMPLIES TO DIN EN 10204 JAN 2005

No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).

Plant Serial: 00024262

Kaiser Order Number: 222469 Line Item: 001



http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



Plant Serial: 00024262

Kaiser Order Number: 222469

Line Item: 001



http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER: CUSTOMER			PART NUMBER:	1010	PRODUCT DESCRIPTION:						
M49365548-1 42276					Drawn Seamless Tube/Pipe						
KAISER ORDER NUMBER:	LINE ITEM:		SHIP DATE:		KAISER LOT NUMBERS ALLOY: TEMPER:						
222661	001		03/20/2017		F00236125 39	6061	T6)				
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:		DIAM/DAF/THKNS	WIDTH:	LENGTH:				
443.000 LB	388.000 F	CS	224652				12.000 FT				
SHIP TO:					SOLD TO:	19.00	· · · · · · · · · · · · · · · · · · ·				
TW METALS INC 235 WEST TUBEW CAROL STREAM, I					TW METALS INC 760 CONSTITUTIO SUITE 204 EXTON, PA 19341 I						

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00236125	0001	1	46.7	41.1	17.0	N/A	N/A	N/A
F00236125	0002	1	46.2	40.9	18.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D76510	.62	.23	.23	.05	.99	.07	.07	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: QD: 0.5000"; Wall: 0.0580"; Round @ AMS4082P AMS-WW-T-700/6C (ASTM B210-12) WW-T-700/6F WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS4082P, WAS NOT OILED. This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.



Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA (DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5 TRADE AGREEMENTS).

Plant Serial: 00024461

Kaiser Order Number: 222661

Line Item: 001



http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



Plant Serial: 00024461 Kaiser Order Number: 222661

Line Item: 001

MATERIAL: M3 CY DATE: JUN				9 PC	O / BATCH NO.	po36496/	4137761
MATERIAL CERT REC'D: QUANTITY RECEIVED: 60' QUANTITY INSPECTED: 60' QUANTITY REJECTED:	0	jes 2		THICKNE SHEET S	SS ORDERED SS RECEIVED IZE ORDERED ZE RECEIVED	1/	SO 17 A
DESCRIPTION	(Ch	CR eck N)		C	COMMENTS		
SURFACE DAMAGE	Y	M)					
CORRECT FINISH	(43)	N					
CORROSION	Y	DP			140		
CORRECT GRAIN DIRECTION	(1)	N					
CORRECT MATERIAL PER M-DRAWING	8	N	ASTM	4213			
CORRECT THICKNESS	(S)	N					
PHOTO REQUIRED	Υ	N					
CORRECT REF # TO LINK CERT	8	N	H+ #	1 X 15017	83		
CORRECT MATERIAL IDENTFICATION	_	N					
CORRECT M# ON THE MATERIAL	S	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	iP)	14				
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N)		381			
Ag							
CUT SAMPLE PIECE	- OF	MA	FRIAL AND I	PREFORM A	HARDNESS C	HECK	
			ORD RESULT				
TYPE OF MATERIAL			HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER REA	DIN	G					
	<u>te</u>	sters	located in the G	Quality Office			
QC 18 INSPECTION				E	NGINEERING	SIGNOFE (if	required)
INSPECTED BY: CM					OFF BY:		equired)
	7		3				
DATE: IUN 1 4 2017					DATE:		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL: M304	TP	1,2	50W-125	P	O / BATCH NO	:0036491	6/M137761
DATE: IIIN						Programme	7
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:		0		THICKNE SHEET S	ESS ORDEREC SS RECEIVED IZE ORDERED IZE RECEIVED):	5 0 /A
DESCRIPTION	(Ct	CR leck (N)		C	COMMENTS		
SURFACE DAMAGE	Υ	0					
CORRECT FINISH	8	N					
CORROSION	Υ	N					
CORRECT GRAIN DIRECTION	0	N					
CORRECT MATERIAL PER M-DRAWING	(Y)	N	ASTM,	4213			
CORRECT THICKNESS	(Y)	N		1000		. XX 135 38 XX	
PHOTO REQUIRED	Y	N					
CORRECT REF # TO LINK CERT	(V)	N	H+ # 4	X 1504	1817		
CORRECT MATERIAL IDENTFICATION	(A)	N	-				
CORRECT M# ON THE MATERIAL	(A)	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N					
DOES THIS REQUIRE AN	T	(1)					
EXTRUSION REPORT	Υ	N					
CUT SAMPLE PIECE			ERIAL AND PE ORD RESULTS		HARDNESS C	HECK.	
		T	HRC T	HRB	DUR A	DUR D	
TYPE OF MATERIAL				11110	BOILY	DOND	
SIZE OF TEST SAMPLE		- 1					1 1
HARDNESS / DUROMETER REAL	DINC	3 h					1 1
			located in the Qua	ality Office			

INSPECTED BY: ______ SIGNED OFF BY: _____ DATE: _____ DATE:

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QC 18 INSPECTION

MATERIAL: M413 DATE: JUN	own Birth	-	675	Р	O / BATCH NO.	R036491	5/M137
MATERIAL CERT REC'D: QUANTITY RECEIVED: 00 QUANTITY INSPECTED: 00 QUANTITY REJECTED:	0	50	S	THICKNE SHEET S	ESS ORDERED ESS RECEIVED SIZE ORDERED SIZE RECEIVED		83 83
DESCRIPTION	NC (Ch	eck		(COMMENTS		
SURFACE DAMAGE	Y	DP					
CORRECT FINISH	(Y)	N					
CORROSION	Y	W					
CORRECT GRAIN DIRECTION	(Y)	N	/= /				
CORRECT MATERIAL PER M-DRAWING	B	Ν	AMS-	6360			
CORRECT THICKNESS	(Y)	Ν					
PHOTO REQUIRED	Y	N			*		
CORRECT REF # TO LINK CERT	(X)	N	H+ #2	53636			
CORRECT MATERIAL IDENTFICATION		Ν					
CORRECT M# ON THE MATERIAL	(A)	Ν					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	3					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(N)					
ZATAGO OTA ALE OTA		U			, , , , , , , , , , , , , , , , , , ,		
CUT SAMPLE PIECE	OF	NAAT	EDIAL AND	DDEEODMA	LIABONECO	LIEOU.	
OUT GAINT LETTECE			ORD RESULT		HARDNESS C	HECK.	
	- 11		HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL		- 1	11110	TIND	DONA	DOKD	
SIZE OF TEST SAMPLE		ł					-
HARDNESS / DUROMETER REA	DING	a I					1
			located in the C	Quality Office			
QC 18 INSPECTION				E	NGINEERING	SIGNOFF (if	required)
INSPECTED BY: 39			<u>18</u>	SIGNED	OFF BY:		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE:

DATE: JUN 1 4 2017

		6to	7375WOSE	P	O / BATCH NO	::p036496/M	137761			
MATERIAL CERT REC'D: QUANTITY RECEIVED: 54 QUANTITY INSPECTED: QUANTITY REJECTED:	AL CERT REC'D: TY INSPECTED: TY INSPECTED: TY REJECTED: TY REJECTED:			THICKNESS ORDERED:						
DESCRIPTION	neck		COMMENTS							
SURFACE DAMAGE	Y	W								
CORRECT FINISH	(1)	N			-					
CORROSION	Υ	(1)								
CORRECT GRAIN DIRECTION	(Y)	N								
CORRECT MATERIAL PER M-DRAWING		N	AStm P	5210						
CORRECT THICKNESS	(A)									
PHOTO REQUIRED		(1)								
CORRECT REF # TO LINK CERT	460	_	H+ # F(30734	392	27. 15. 27. 10				
CORRECT MATERIAL IDENTFICATION										
CORRECT M# ON THE MATERIAL	8	N								
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	0								
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(S)								
					MA MANAGEMENT					
CUT SAMPLE PIECE			TERIAL AND PE ORD RESULTS		HARDNESS (CHECK.				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER REA		- P	HRC	HRB	DUR A	DUR D				
		_	located in the Qua	ality Office						

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: 9-89 SIGNED OFF BY:

DATE: JUN 1 4 2017 DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL: M606 DATE: JUN 1			5.500W.058	ı	PO / BATCH NO.	pc36496	<u>M377</u> 6
MATERIAL CERT REC'D: QUANTITY RECEIVED: 48 QUANTITY INSPECTED: 48 QUANTITY REJECTED:	4	0		THICKN	IESS ORDERED ESS RECEIVED SIZE ORDERED SIZE RECEIVED	-,055 A/J	8 8 A
DESCRIPTION	(CI	CR heck (/N)			COMMENTS		
SURFACE DAMAGE	Y	IN					
CORRECT FINISH	(Y)	N					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	0	N					
CORRECT MATERIAL PER M-DRAWING	8	N	ASTM B	210			
CORRECT THICKNESS	(4)	N		G. C			
PHOTO REQUIRED	Υ	N					
CORRECT REF # TO LINK CERT	(Y)	N	H+# FOO	136	136		
CORRECT MATERIAL IDENTFICATION	Y	N					
CORRECT M# ON THE MATERIAL	(Y)	N					
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	R					
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	R					
CUT SAMPLE PIECE	OF	MA	TERIAL AND PRE	FORM A	HARDNESS C	HECK	
	F	REC	ORD RESULTS BE	ELOW		0	
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL						-5	
SIZE OF TEST SAMPLE							
HARDNESS / DUROMETER REA	DIN	G					
	te	sters	located in the Quality	Office			

ENGINEERING SIGNOFF (if required) 39 INSPECTED BY: 9-89 JUN 14 244 SIGNED OFF BY: DATE: DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QC 18 INSPECTION



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 1 of 4

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

585 768 5600

Buyer

Chantal Lavoie

YRC COLLECT

Customer POID Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Ship Via: Ship Acct:

Description/ Line Reference Req Date/ CD Req Qty/ Nbr Mfg ID Taxable Unit of Vendor Part Number Measure **Line Comments Promise Date Delivery Comments** M304TR0.675W.091 304 RD Tube .675 x .091W 6/8/2017

Yes 6/8/2017

Lecu 23.750. 20.00

\$100.00

Extended

Price

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total:

PO Unit Price

\$100.00

2 M304TR0.750W.049 304 RD Tube .750 x .049W

6/8/2017 Yes 60.00

\$5.00

\$126.00

6/8/2017

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

2017-6-12.

Line Total:

\$126.00

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 2 of 4

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

585 768 5600

Customer POID Customer Tax#

Chantal Lavoie

Ship To Contact

Ship To Phone Ship Via:

Ship Acct:

YRC COLLECT

Terms Currency

Buyer

10127-2607 Net 30

USD

FOB

FCA - (Free Carrier)

304 RD Tube 1.250 x

6/8/2017

20.00

M304TR1.250W.125

.125w

Yes 6/8/2017

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total:

\$123.00

M4130NT0.500W.083

4130 RD tube .500 x .083W

6/8/2017

\$4.00

\$80.00

Yes

6/8/2017

VO-33

MATERIAL: AISI 4130N SEAMLESS STEEL TUBING AS PER MIL-T-6736 OR AMS 6371/6360/6361 6362/6373/6374

Necu 20-083

Line Total:

\$80.00

5 M6061T6T0.375W.058 6061-T6 RD Tube .375 x.058W

6/8/2017

80.00

\$2.15

\$172.00

Yes

f

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241

6/8/2017

7-6-12.

Note:



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 3 of 4

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

585 768 5600

Ship To Contact

Ship To Phone

Ship Via:

YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

10127-2607

Customer POID

Customer Tax#

Net 30

Terms Currency

USD

FOB

FCA - (Free Carrier)

Line Total:

\$172.00

M6061T6T0.500W.058

6061-T6 RD Tube .500 L x.058W 6/8/2017

40.00

\$1.75

\$70.00

Yes

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241

6/8/2017

reen 48 ft

Line Total:

\$70.00

7 71401-45

PROCUREMENT QUALITY CLAUSES 6/8/2017

6/8/2017

No

1.00

\$0.00

\$0.00

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

16-12.

Note:

5/30/2017



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36496

Purchase Order Date 5/30/2017 PO Print Date 5/30/2017

Page Number 4 of 4

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

585 768 5600

Buyer

Chantal Lavoie

383 /08 3000

YRC COLLECT

Customer POID
Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Total:

\$0.00

PO Total:

\$671.00

CX

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.